•	JUN 2002) SHEET
Substitute for form 1449A/PTO	12	ATTORNEY'S DKT No.	APPLICATION NO.
	ato	033018-031	10/003,852
INFORMATI	ON BISCLOSURE	APPLICANT	
INITORIVIATI	ON BISCLUSURE	Timothy S. SHERWOOD	et al.
STATEMEN	T BY APPLICANT	FILING DATE	GROUP
		D	1 0704

December 6, 2001

			U.S. PATENT DOC	UMENTS		•		75		
	U.S. Patent [Document						ω _C	뀨	
Examiner Initials	Number	Kind Code (if known)	Name of Patent	ee or Applicant Document	:	5	र्	ate of Public (MM-DD-XX	ation	
۶۶	6,196,219	(II KIIOWII)	Hess et al.	ocument			= 1	03-06-20	01	<u> </u>
							1			11
								2 5		
								ROUM		;
					,			35.75		
								 		
								 		
			 	•			ļ			
									_	
						_				
		l E/	DREIGN PATENT DO	CHMENTS						
	Foreign Patent	COMPANY OF THE STATE OF THE STA		CONLIG					l	
Examiner		Kind Code	1					cation		slation
Initials	Number	(if known)	Country		(MM-	DD-Y	YYY)	Yes	no
									 	
								., ., ., .,		
		NON F	PATENT LITERATUR	E DOCUMEI	NTS					
F			(in CAPITAL LETTERS),							
Examiner Initials	item (book	, magazine, joui	rnal, serial, symposium, o publisher, city and/or o				voium	e-issue numi	er(s),	
			· ·							
			· · · · · · · · · · · · · · · · · · ·							
						-				
		· · ·		 	_			· · · · · · · · · · · · · · · · · · ·		
	 								.	
	-		 							
Examiner	Some (Dile.		Date Considered		2/1	2/0	2		

SHEET 1 OF 1

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	L. CONTRACTOR .		U.S. PATENT DOCUMENTS	- 4	in November		
	U.S. Patent Do			1	Ī	1	
Examiner Initials	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	33	[<u> 1</u> 2	Pate-of Publication (MM-DD-YYYY)
SC	2,896,856		Kravits	1	1	1	07-28-1959
	3,084,698		Smith	\prod			04-09-3963
1 1	3,157,179		Paullus et al.)	11-17-1964
	3,162,324		Houser			(£2-22- <u>1</u> 964≤
	3,431,393		Katsuda	П	٦	}	94-04-969
	3,486,663		Humphrey	T	T	(र्वे2-30-1969
	3,658,059		Steil	$\prod I$		T	04-25-1972
	3,716,416		Adlhart et al.	\prod		T	02-13-1973
	3,750,961		Franz	П		T	08-07-1973
	3,847,304		Cohen	\prod		Τ	11-12-1974
	3,859,398		Havstad	\prod			01-07-1975
	3,902,635		Jinotti	17			09-02-1975
	3,903,883		Pecina et al.	17	1	1	09-09-1975
	3,904,083		Little			1	09-09-1975
	3,967,001		Almaula et al.	7	T	1	06-29-1976
	3,987,941		Blessing	17	7	\top	10-26-1976
	3,993,246		Erb et al.	17	Ť	T	14-23-1976
	4,042,153		Callahan et al.	П	T	\top	08-16-1977
	4,060,082		Lindberg et al.	\sqcap	T	T	11-29-1977
	4,077,542		Petterson	П	Τ	T	03-07 <u>-1</u> 978
	4,161,282		Erb et al.	17	Π	T	07-17-1979
	4,162,501	*	Mitchell et al.	T			07-24-1979
	4,215,708	•	Bron	17	T	T	98-05-1980
	4,231,492		Rios	17	1	7	£1-04-1980
	4,258,073		Payne	∇	T	Т	03-24-1981
	4,261,356	•	Turner et al.	1	1		04-14-1981
	4,289,003		Yang	17			09-15-1981
	4,291,838		Williams	\prod			09-29-1981
	4,303,083		Burruss, Jr.	\prod			12-01-1981
	4,383,171		Sinha et al.	\prod			05-10-1983
	4,391,308		Steiner	17	_[07-05-1983
	4,395,303		Weir	11	T	\sqcap	07-26-1983
	4,433,797		Galia	1	T	7	02-28-1984
	4,471,892		Coleman		Τ	7	09-18-1984
	4,512,341		Lester		_	71	04-23-1985
<u> </u>	4,575,609		Fassel et al.	T		/ [03-11-1986
<u> </u>	4,627,432		Newell et al.	$\top \uparrow$	/	T	12-09-1986

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

MAR 1 5 2002

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

ATTORNEY'S DKT NO. APPLICATION NO. 033018-031 09/742,321

APPLICANT
Timothy S. SHERWOOD et al.
FILING DATE GROUP
December 6, 2001 3761

			[CLAS JUND]
sP	4,649,911	Knight et al.	S 5 03-17-1987
	4,682,010	Drapeau et al.	ζ 07-21-1987
	4,695,625	Macdonald	09-22-1987
	4,700,657	Butland	(0-20-1987
	4,730,111	Vestal et al.	03-08-1988
	4,735,217	Gerth et al.	04-05-1988
	4,744,932	Browne	(
1	4,749,778	Fukuzawa et al.	(06-07-1988
	4,762,995	Browner et al.	(7:08-69-19887)
	4,776,515	Michalchik	10-11-1988
	4,790,305	Zoltan et al.	12-132-1988
	4,811,731	Newell et al.	03-12319891
	4,819,625	Howe	64-17-1989
	4,819,834	Thiel	24-11-1989
1	4,829,996	Noakes et al.	05-16-1989
1	4,837,260	Sato et al.	06-06-1989
	4,848,374	Chard et al.	07-18-1989
	4,871,115	Hessey	10-03-1989
	4,871,623	Hoopman et al.	10-03-1989
	4,877,989	Drews et al.	10-31-1989
	4,911,157	Miller	03-27-1990
	4,922,901	Brooks et al.	05-08-1990
	4,926,852	Zoltan et al.	05-22-1990
	4,935,624	Henion et al.	06-19-1990
	4,941,483	Ridings et al.	07-17-1990
	4,947,875	Brooks et al.) / 08-14-1990
	4,974,754	Wirz	12-04-1990
-	4,982,097	Slivon et al.	01-01-1991
	4,992,206	Waldron	02-12-1991
	5,021,802	Allred	06-04-1991
1	5,044,565	Alexander	09-03-1991
	5,056,511	Ronge	10-15-1991
	5,060,671	Counts et al.	10-29-1991
	5,063,921	Howe	11-12-1991
1	5,096,092	Devine	03-17-1992
	5,125,441	Mette	06-30-1992
<u> </u>	5,133,343	Johnson, IV et al.	07-28-1992
	5,134,993	van der Linden et al.	08-04-1992
	5,135,009	Müller et al.	08-04-1992
	5,144,962	Counts et al.	09-08-1992
20	5,151,827	Ven et al. KONT THE GUIS	09-29-1992

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPER 609; draw line through citation if not in conformance and __not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

(05/01)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO. | APPLICATION NO. | 033018-031 | 09/742,321 |

APPLICANT | Timothy S. SHERWOOD et al. | FILING DATE | GROUP | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 020000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 020000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 02000 | 020

			Cu	sls	ub	
	5,178,305	Keller	1	·	_{	01-12-1993
	5,184,776	Minier	T		\mathcal{T}	02-09-1993
	5,217,004	Blasnik et al.		П	1	06-08-1993
	5,226,441	Dunmire et al.	\top		(07-13-1993
	5,228,444	Burch		П		07-20-1993
	5,230,445	Rusnak		П	П	07-27-1993
	5,231,983	Matson et al.	17		17	08-03-1993
	5,259,370	Howe	\sqcap		Γ	11-09-1993
	5,290,540	Prince et al.	Π		П	03-01-1994
	5,298,744	Mimura et al.	\top	7	П	03-29-1994
	5,299,565	Brown	17	37	$\Pi_{=}$	04-05-1994
	5,322,057	Raabe et al.	П	딤		306-24=1994
	5,327,915	Porenski et al.		3		77-12-1994
	5,342,180	Daoud	\prod	#	: []	98-30-1994
	5,342,645	Eisele et al.	\Box	4	, (98-30-1994
	5,349,946	McComb	\prod	ŧ	1	09-27-1994
	5,395,445	Bohanan	\sqcap	F		03-07-1995
	5,421,489	Holzner, Sr. et al.	\prod	T	\neg	06-06-1995.
	5,462,597	Jubran	П	1	T	10-31-1995
	5,474,059	Cooper	T	T	T	12-12-1995
	5,515,842	Ramseyer et al.	17	T	\top	05-14-1996
	5,522,385	Lloyd et al.	π	T	T	06-04-1996
	5,556,964	Hofstraat et al.		T	T	09-17-1996
	5,564,442	MacDonald et al.	П		\top	0-15-1996
	5,565,677	Wexler	П	T	1	Q1-15-1996
	5,575,929	Yu et al.	П	T	Т	11-19-1996
	5,585,045	Heinonen et al.	П		\top	12-17-1996
	5,617,844	King	π	Ì	1	Ø 9-08-1997
	5,642,728	Andersson et al.	\Box	П		07-01-1997
	5,674,860	Carling et al.		П	7	10-07-1997
	5,682,874	Grabenkort et al.	$\top /$	\exists	7	11-04-1997
	5,730,158	Collins et al.	17	T	Τ	03-24-1998
	5,743,251	Howell et al.	1/	T		04-28-1998
	5,756,995	Maswadeh et al.	1	T		05-26-1998
	5,765,724	Amberg et al.	1	Ī		06-16-1998
	5,823,178	Lloyd et al.	T	Г	T	10-20-1998
	5,839,430	Cama .				11-24-1998
	5,855,202	Andrade	\prod		T	01-05-1999
	5,856,671	Henion et al.	Π	Γ	1	01-05-1999
	5,863,652	Matsumura et al.	TT	Τ	\top	01-26-1999
SP	5,869,133	Matsumura et al. Anthony et alinnia TIVH on 15 01	Ľ	L		02-09-1999

SOUS 11 AGA

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP, 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAR 1 5 2002

ATTORNEY'S DKT NO. APPLICATION NO. 033018-031 09/742,321

APPLICANT
Timothy S. SHERWOOD et al.
FILING DATE GROUP
December 6, 2001 3761

<u> ا</u>			(curs)		
	5,872,010	Karger et al.	} ,	1	02-16-1999
Ĵ	5,878,752	Adams et al.	11	Γ	03-09-1999
	5,881,714	Yokoi et al.			03-16-1999
	5,906,202	Schuster et al.		1	05-25-1999
	5,914,122	Otterbeck et al.		1/	06-22-1999
	5,932,249	Gruber et al.		Ÿ	08-03-1999
	5,932,315	Lum et al.			08-03-1999
	5,934,272	Lloyd et al.		L	08-10-1999
	5,934,273	Andersson et al.		11	08-10-1999
	5,944,025	Cook et al.		T	08-31-1999
	5,954,979	Counts et al.		\top	09-21-1999
	5,957,124	Lloyd et al.	1-(Ø9-28-1999
	5,970,973	Gonda et al.	1.		10-26-1999
	5,970,974	Van Der Linden et al.			10-26-19991
	5,978,548	Holmstrand et al.		(1.3)	11-02-1999
\neg	5,993,633	Smith et al.			11-30-1929
	6,014,970	Ivri et al.	11		01-18-2000
	6,053,176	Adams et al.			04-25-2000
	6,054,032	Haddad et al.		113	04-25-2000
\dashv	6,069,214	McCormick et al.		\perp	05-30-2000
	6,069,219	McCormick et al.		71	05-30-2000
	6,070,575	Gonda et al.		71	06-06-2000
	6,071,428	Franks et al.		1	06-06-2000
\neg	6,076,522	Dwivedi et al.		\sqcap	06-20-2000
	6,077,543	Gordon et al.			06-20-2000
	6,080,721	Patton			06-27-2000
	6,085,740	Ivri et al.	111		06-11-2000
	6,085,753	Gonda et al.		\Box	07-11-2000
	6,089,228	Smith et al.		\Box	07-18-2000
	6,095,153	Kessler et al.		\rightarrow	08-01-2000
	6,098,615	Lloyd et al.		71	08-08-2000
	6,098,620	Lloyd et al.		\rightarrow	08-08-2000
	6,103,270	Johnson et al.	-		08-15-2000
	6,116,516	Gañán-Calvo	111	7	09-12-2000
	6,116,893	Peach			09-12-2000
	6,119,953	Gañán-Calvo et al.	1/1		09-19-2000
	6,123,068	Lloyd et al.		-	09-26-2000
	6,123,936	Platz et al.		1 1	09-26-2000
	6,131,567	Gonda et al.			10-17-2000
	6,131,570	Schuster et al.	W 00 15 7	-	10-17-2000
) _Q	6,136,346	Schuster et al. Eljamal et al. WOU'S	, w		10-24-2000
		-07	11894		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Communication for Patents, Washington, D.C. 20231.

SHEET 5 OF 6

INFORMATION DISCLOSURED STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

ATTORNEY'S DKT NO. APPLICATION NO. 033018-031 09/742,321 APPLICANT Timothy S. SHERWOOD et al. FILING DATE GROUP

3761

December 6, 2001

			Tw	M	Jub	T
82	6,138,668	Patton et al.	1 (7	10-31-2000
1	6,155,268	Takeuchi		\int		12-05-2000
	6,158,431	Poole		Τ	П	12-12-2000
	6,158,676	Hughes		Γ	П	12-12-2000
	6,159,188	Laibovitz et al.		Τ	П	12-12-2000
	6,164,630	Birdsell et al.		Г	П	12-26-2000
	6,165,463	Platz et al.		Г	П	12-26-2000
	6,167,880	Gonda et al.			T	01-02-2001
	6,174,469	Gañán-Calvo		П	7	01-16-2001
	6,182,712	Stout et al.		7		02-06-2001
	6,187,214	Gañán-Calvo	\Box	T	\top	02-13-2001
	6,187,344	Eljamal et al.		V	1-	02-13-2001
	6,189,803	Gañán-Calvo		Λ	(0)	02-20-2001
	6,192,882	Gonda			E	02-27-2001
	6,197,835	Gañán-Calvo		I	9	03-66-2000
	6,205,999	Ivri et al.		V	\$	03=27-2001
	6,206,242	Amberg et al.		T	?	03 <u>-2</u> 7-2 00]
	6,207,135	Rössling et al.	17	T	3	03-27-2901
	6,223,746	Jewett et al.	П	Τ	E	05-01-2001 :
	6,230,706	Gonda et al.	П	T	7	05-15-2001
	6,231,851	Platz et al.	П	T		05-15-2001
	6,234,167	Cox et al.	П	T		05-22-2001
	6,234,402	Gañán-Calvo	Π	Τ		05-22-2001
	6,235,177	Borland et al.	П			05-22-2001
	6,250,298	Gonda et al.	\prod			06-26-2001
	6,257,233	Burr et al.	П	1		07-10-2001
	6,258,341	Foster et al.	П	1	T	07-10-2001
	6,263,872	Schuster et al.	\prod		\mathcal{L}	07-24-2001
	6,267,155	Parks et al.			T	07-31-2001
	6,275,650	Lambert			T	08-14-2001
	6,276,347	Hunt			I	Ø8-21-2001
	6,284,525	Mathies et al.	\prod		\prod	φ 9-04-2001
	6,288,360	Beste	\prod	\int		φ9-11-2001
	6,290,685	Insley et al.	\prod		\perp	φ 9-18-2001
	6,294,204	Rössling et al.	Ш	\perp		φ 9-25-2001
	6,295,986	Patel et al.	П		$\overline{\perp}$	10-02-2001
	6,318,361	Sosiak	\coprod			11-20-2001
	Pub. No. 2001/0032647 A1	Schuster et al.			\int	Published 10-25-2001
		FOREIGN PATENT DOCUMENTS	114	1		.

S00S 11 A9A

SHEET 6 OF 6

*Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	V.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ATTORNEY'S DKT NO.	APPLICATION NO.
033018-031	09/742,321
APPLICANT	
Timothy S. SHERWOOD et	al.
FILING DATE	GROUP
Danambar C 0001	0704

	Foreign Patent	Document									
Examiner Initials	Number	Kind Code (if known)	Country		Date of Publication (MM-DD-YYYY)	Trans Yes					
ITIILIAIS	-667979 A	(II KIIOWII)	France		10-25-1929	Yes	no X				
	-354094 A		Belgium		09-1928		X				
	354004 A		Belgium		09-1928		X				
	94/09842-A-		WIPO		05-11-1994						
	_98/17131		WIPO		04-30-1998						
	0358114-A-		Europe		03-14-1990						
	0 642802-A2-		Europe								
	1036470-B1-		Germany		08-14-1958		X				
	_P953409		Hungary (Abstrac	t Only)	06 03 1994	Abstract Only					
	207457-A		Hungary		04-28-1993		X				
	168128 B		Hungary (Abstrac	t Only)	11-28-1975	Abstract Only					
	-216121 B		Hungary (Abstrac		03-21-199	Abstract Only					
NON			and the many of the same								
Examiner Initials	Roe										
	Barry, P.W. et al. "In-Vitro-Comparison of the Amount of Salbutamol Available for Inhalation From Different Formulations Used with Different Spacer Devices" Eur Respir J. 1997; 10: 1345-1348 Byron, Peter R. Ph.D., Chairman, "Resommendations of the USP Advisory Panel on Aerosols on the USP General Chapters on Aerosols (601) and Uniformity of Dosage Units (905)", Pharmacopeial Forum, Vol. 20, No. 3, pp. 7477-7505, May-June 1994										
	(023) Hindle, Michael et al., "High Efficiency Aerosol Production Using the Capillary Aerosol Generator" PharmSci 1998; 1: (1: suppl) S211.										
	Hindle, Michael et al., "High Efficiency Fine Particle Generation Using Novel Condensation Technology", Respiratory Drug Delivery VI (eds Dalby, R.N., Byron, P.R. & Farr, S.J.) Interpharm Press, Buffalo Grove, IL. 1998 pp 97-102										
	Hou, Shuguang et al. Solution Stability of Budensonide in Novel Aerosol Formulations Abstract No. 2582, Solid State Physical Pharmacy, November 17, 1998, p. S-307										
	Kousaka, Yasuo e Technology, 21:2 (023)		tion of Aerosol Particle	es-by-Boiling-	of Suspensions", Aerosof Sc	ience a	<u>nd</u>				
	Morén, Folke "Drug Deposition of Pressurized Inhalation Aerosols I. Influence of Actuator Tube Design". AB-Draco (Subsidiary of AB Astra, Sweden) Research and Development Laboratories Pack, S-221-01 Lund										
	Newman, Stephen P. et al. "Deposition of Pressurized Suspension Aerosols Inhalog Through Extension Devices!-3" Am Rev Respir Dis 1981; 124:317-320										
	Roth, G. et al. High Performance Liquid Chromatographic Determination of Epimers, Impurities, and Content of the Glucocorticoid Budesonide and Preparation of Primary Standard, Journal of Pharmaceutical Sciences, Vol. 69, No. 7, pp. 766-770, July 1980										
Examiner Signature	Some.	Pure		Date Considered	210/03	<u> </u>					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and _not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.